

Historical SMSCG Schedule For Years 1988 - 2006

YEAR	FROM	TO	STOPLOGS		GATE		REMARKS
				1	2	3	
1988/89	NOV. 1	APR. 7	IN	OP	OP	OP	Full Bore Operation
1989	APR. 7	SEPT. 26	OUT	O	O	O	3 Gates Held Open
1989	SEPT. 26	DEC. 8	IN	OP	OP	OP	Full Bore Operation
1989	DEC. 8	DEC. 15	IN	O	O	O	3 Gates Held Open for Gate Test # 5
1989	DEC. 17	DEC. 22	IN	C	C	C	3 Gates Closed for Gate Test # 5
1989/90	DEC. 22	MAY. 31	IN	OP	OP	OP	Full Bore Operation
1990	MAY. 31	JUL. 15	OUT	O	O	O	3 Gates Held Open
1990	JUL. 16	SEPT. 27	OUT	OP	OP	OP	Gate Test # 1
1990	SEPT. 28	SEPT. 30	IN	OP	OP	OP	Full Bore Operation
1990	OCT. 1	OCT. 30	IN	OP	OP	OP	Operating Daylight Hours Only
		22:45					
1990	OCT. 30	NOV. 16	IN	C	C	C	Middle Gate Broken
		22:45 15:30					
1990	NOV. 16	NOV. 20	IN	OP	C	OP	Middle Gate Broken
1990	NOV. 20	NOV. 28	IN	OP	OP	OP	Full Bore Operation
1990	NOV. 28	DEC. 5	OUT	OP	OP	OP	Remove stop logs to pass barge
1990	DEC. 5	DEC. 10	IN	OP	OP	OP	Full Bore Operation
1990	DEC. 11	DEC. 24	IN	O	O	O	Rock Slough Standard
1990/91	DEC. 25	JAN. 1	IN	OP	OP	OP	Full Bore Operation
1991	JAN. 2	JAN. 18	IN	O	O	O	3 Gates Open
1991	JAN. 18	MAY. 30	IN	OP	OP	OP	Full Bore Operation
1991	MAY. 31	JUL. 17	OUT	O	O	O	3 Gates Held Open
1991	JUL. 18	SEPT. 16	OUT	OP	OP	OP	Gate Test # 2
1991	SEPT. 16	OCT. 18	OUT	C	C	C	Maintenance work
		12 (noon)					
1991	OCT. 18	NOV. 18	IN	OP	OP	OP	Full Bore Operation
1991	NOV. 18	NOV. 22	IN	O	O	O	3 Gates Held Open
1991	NOV. 22	DEC. 12	IN	OP	OP	OP	Full Bore Operation
1991/92	DEC. 12	JAN. 9	IN	OP	OP	OP	Daylight operations for WR salmon
1992	JAN. 9	MAR. 1	IN	OP	OP	OP	Full Bore Operation
1992	MAR. 1	MAR. 24	IN	C	C	C	Winter Run salmon
1992	MAR. 24	MAY. 27	IN	OP	OP	OP	Full Bore Operation
1992	MAY. 27	OCT. 1	OUT	O	O	O	3 Gates Held Open
1992	OCT. 1	OCT. 5	IN	OP	OP	OP	Operate with 1/3 Partial Gate Opening
1992	OCT. 6	OCT. 8	IN	OP	OP	OP	Operate with 2/3 Partial Gate Opening
1992	OCT. 9	OCT. 14	IN	OP	OP	OP	Full Bore Operation
1992	OCT. 15	OCT. 18	IN	OP	OP	OP	Operate with 1/3 Partial Gate Opening
1992	OCT. 19	OCT. 26	IN	OP	OP	OP	Operate with 2/3 Partial Gate Opening
1992	OCT. 27	OCT. 28	IN	OP	OP	OP	Operate with 1/3 Partial Gate Opening
1992	OCT. 28	OCT. 31	IN	OP	OP	OP	Gates Oper. Manually b/c AVM broken
1992	NOV. 1	NOV. 2	IN	OP	OP	OP	Operate with 1/3 Partial Gate Opening
1992	NOV. 3	NOV. 8	IN	OP	OP	OP	Full Bore Operation
1992/93	NOV. 9	JAN. 4	IN	OP	OP	OP	Operate with 1/3 Partial Gate Opening
1993	JAN. 5	JAN. 21	IN	OP	OP	OP	Full Bore Operation
1993	JAN. 22	MAY. 30	IN	O	O	O	Channel salinity well below standards
1993	MAY. 31	SEP. 6	OUT	O	O	O	
YEAR	FROM	TO	STOPLOGS		GATE		REMARKS
				1	2	3	
1993	SEP. 7	SEP. 16	IN	O	O	O	
1993	SEP. 17	DEC. 13	IN	OP	OP	OP	Full Bore Operation
		11:00					
1993	DEC. 13	DEC. 14	IN	O	O	O	3 Gates Held Open
		11:00 12:30					
1993/94	DEC. 14	FEB. 10	IN	OP	OP	OP	Full Bore Operation
		12:30 16:30					
1994	FEB. 10	FEB. 16	IN	C	OP	OP	Full Bore with one gate under repair
		16:30 02:30					
1994	FEB. 16	FEB. 18	IN	C	C	C	3 Gates Closed
		02:30 16:00					
1994	FEB. 18	MAY. 9	IN	C	OP	OP	Full Bore with one gate under repair
1994	MAY. 9	MAY. 11	OUT	C	OP	OP	Full Bore with one gate under repair
1994	MAY. 11	AUG. 2	OUT	C	O	O	One gate closed and two open
		13:00 15:00					
1994	AUG. 2	SEPT. 1	OUT	O	O	O	3 Gates Held Open
		15:00 13:00					
1994	SEPT. 1	SEPT. 3	IN	C	C	C	3 Gates Closed
		13:00 07:00					
1994	SEPT. 3	SEPT. 6	IN	OP	OP	OP	Full Bore Operation
		07:00 19:00					
1994	SEPT. 6	SEPT. 8	IN	C	OP	OP	One gate closed and two operating

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	19:00	14:00					
1994	SEPT. 8	SEPT. 9	IN	C	C	C	3 Gates Closed
	14:00	11:00					
1994	SEPT. 9	OCT. 7	IN	OP	OP	OP	Full Bore Operation
	11:00						
1994	OCT. 8	OCT. 23	IN	O	O	O	Fish Study with flashboards installed
1994	OCT. 24	NOV. 14	OUT	O	O	O	Fish Study without flashboards installed
1994	NOV. 15	NOV. 17	IN	OP	OP	OP	Manual Full Bore Operation
1994/95	NOV. 18	JAN. 10	IN	OP	OP	OP	Automatic Full Bore Operation
1995	JAN. 11	FEB. 7	IN	O	O	O	3 Gates open b/c well below standards and high Delta outflows
	FEB. 8	MAY. 31	OUT	O	O	O	3 Gates open b/c well below standards and high Delta outflows
1995/96	JUN. 1	NOV. 12	OUT	O	O	O	
	NOV. 13	NOV. 27	IN	OP	OP	OP	Operate due to observed salinity increase
1996/97	NOV. 28	FEB. 2	IN	O	O	O	3 Gates open b/c well below stds.
1997	FEB. 3	OCT. 13	OUT	O	O	O	3 Gates open b/c well below stds.
1997	OCT. 14	DEC. 3	IN	OP	OP	OP	Operate due to observed salinity increase
1997/1998	DEC. 4	FEB. 7	IN	O	O	O	3 Gates open b/c well below stds.
1998	FEB. 8	SEP. 27	OUT	O	O	O	FB taken out due to flood reasons
1998	SEP. 28	SEP. 30	IN	O	O	O	3 Gates open, FB installed
1998	OCT. 1	OCT. 12	IN	OP	OP	OP	3 Gates Tidal operation
1998	OCT. 13	OCT. 26	OUT	O	O	O	Stoplogs under spacers fabrication
1998	OCT. 27	NOV. 12	IN-MOD	OP	OP	OP	Tidal operation w/ modified flashboards
1998/1999	NOV. 13	FEB. 2	IN-MOD	O	O	O	modified fb installed, 3 gates open
1999	FEB. 3	FEB. 3	IN-MOD	C	C	C	modified fb installed, 3 gates closed from 10:35 to 14:07 for velocity test at stoplogs
	FEB. 3	APR. 6	IN-MOD	O	O	O	3 gates open from 14:07 on, w/ modified stoplogs
1999	APR. 7	AUG. 31	OUT	O	O	O	Stoplogs out; 3 gates open
1999	SEP. 01	SEP. 26	IN-MOD	OP	OP	OP	automated operation w/modified fb
1999	SEP. 27	OCT. 14	IN	OP	OP	OP	operation w/original fb installed
1999	OCT. 15	NOV. 9	OUT	O	O	O	gates opened and flashboards out
1999	NOV. 10	DEC. 9	IN-MOD	OP	OP	OP	operate despite variance w/modified fb due to water quality concerns in the marsh
1999/2000	DEC. 10	Jan. 16	IN-MOD	O	O	O	Gates held open temporarily to provide additional 300 cfs outflows for water quality concerns in the Delta
	Jan. 17	Feb. 29	In-Mod	Op	Op	Op	operate despite variance w/modified fb due to water quality concerns in the marsh
2000	Mar. 1	Mar. 27	In-Mod	O	O	O	good water quality conditions, but still monitoring
2000	Mar. 28	Nov. 3	Out	O	O	O	anticipate no water quality problem
2000/2001	Nov. 4	May. 13	In	Op	Op	Op	operated due to water quality concerns
2001	May. 14	OCT. 7	OUT	O	O	O	Stop operations. Anticipate no w.q. concern for remaining month
2001	Oct. 8	OCT. 21	IN	M-Op	M-Op	M-Op	boat lock gates held open for fish study
2001	Oct. 22	OCT. 25	IN	M-Op	M-Op	Op	boat lock gates closed for fish study
2001	Oct. 26	OCT. 28	IN	M-Op	M-Op	C	gate #3 was stuck closed. Fish test continued
2001	Oct. 29	NOV. 2	IN	M-Op	M-Op	M-Op	gate #3 fixed.
2001/2002	Nov. 6	Jan. 16	IN	Op	Op	Op	gates automatic operations resumed.
2002	Jan. 17	May. 5	IN	O	O	O	condition is good to stop gate oper., but keep fb installed if need to resume gate oper.
2002	May. 6	May. 31	Out	O	O	O	conditions good for the remaining control season
2002	Sept. 25	OCT. 8	IN	Op	Op	Op	full bore operation with boat lock closed for fish passage test
2002	OCT. 9	OCT. 22	IN	O	O	O	All gates Open with boat lock closed for fish test
2002	OCT. 23	NOV. 6	IN	M-Op	M-Op	M-Op	full bore operation with boat lock open
2002	NOV. 7	DEC. 30	IN	Op	Op	Op	normal operation with boat lock closed
2002/2003	Dec. 31	May. 15	IN	O	O	O	FB in with 3 gates held Open due to good WQ
2003	May. 16	Sept. 27	Out	O	O	O	FB removed; anticipate no wq concerns for remaining control season
2003	Sept. 28	SEP. 29	IN	O	O	O	FB installed but gates open
2003	SEP. 30	OCT. 13	In	Op	Op	Op	full ops with boat lock closed
	OCT. 14	OCT. 28	IN	M-Op	M-Op	M-Op	full ops with boat lock open; contractors had problems with equip., so removal of fb not done until Oct. 28 morning
2003	OCT. 29	NOV. 11	OUT	O	O	O	full open with FB out and boat lock closed
2003	NOV. 12	DEC. 14	IN	Op	Op	Op	normal operation with boat lock closed to control salinity
2003/2004	Dec. 15	May. 12	IN	O	O	O	gates held open due to favorable outflow in Dec per O&M
2004	May. 13	Sept. 27	OUT	O	O	O	removal of stoplogs due to favorable salinity levels
2004	Sept. 28	OCT. 11	OUT	Clsd	O	O	gate 1 closed position due to cable failure. Repair underway. Boatlock closed.
2004	OCT. 12	OCT. 25	IN	Clsd	Op	Op	oper. With gate 1 closed and boatlock open for fish study.
2004	OCT. 26	NOV. 9	IN	Clsd	Op	Op	oper. With gate 1 closed and boatlock closed for fish study.

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2004/2005	Nov. 10	Jan.13	IN	Clsd	Op	Op	oper. With gate 1 closed and boatlock OPEN per NOAA request for this season only. Per DFD staff, had pressure transducer problems on Nov. 13 or earlier and both u/s and d/s wiring were pulled and calibrated on Nov. 17. Thereafter, gate seems to be operating normally with the tidal cycle.
2005	Jan. 14	Feb.8	IN	Clsd	Op	O	Gate # 3 cable broke and placed in OPEN position; boatlock still open per NOAA request; Gate # 1 still in closed position due to cable failure in Sept. 2004;
							Per OCO staff, dive time schedule to do an inspection dive on Gate # 3 on 1/21/05.
2005	Feb. 9	May.19	IN	Clsd	O	O	Gate 1 and 3 broken cable awaiting repairs; boatlock open per NOAA for remainder of control season and closed only for safe boat passage; Gate 2 in Open status due to ceased operations as a result of good water quality conditions and will resume operation as needed to control salinity
2005	May.20	Jul.18	OUT	Clsd	O	O	Stoplogs removed at 1130 hrs per DFD staff.
2005	Jul.19	Nov.8	OUT	O	O	O	Gate 1 repair completed and place in OPEN status at 1600hrs.
2005	Nov. 9	Nov.13	IN	O	O	O	Flashboards installed and gates open; failed communication resulted no gate operation to go as schedule after fb installation.
2005	Nov.14	Nov.30	IN	Op	Op	Op	Manual mode operation on 11/14/05; have transducer and power problems so auto mode failed to work correctly and ISR data questionable; auto PLC mode active on 11/15/05 @1645 hrs per email from DFD staff. Boatlock open through the control season per agreement with NOAA.
2005/2006	Dec.1	Jan. 5	IN	O	O	O	3 gates held open due to good water quality; fb remains installed;bl open
2006	Jan. 6	??	OUT	O	O	O	3 gates held open and fb removed to allow access for levee repair from flood damage in suisun marsh
							due to AVM failure, the gates are operated manually based on forecast open/closed times O&M provided to DFD.
Note: Gate #1 to # 3 numbering starts from the maintenance channel end per SMSCG site plan.							
							period when stoplogs were installed/removed within the control season. A total of 5 occurrences since time of operations in Fall 1988.

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